

INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)		Attorney Docket No. 041993-5220	Application No.: Unassigned
PTO Form 1449		Applicant: Chang-Seok GEUM	Sheet 1 of 10
		Filing Date: September 12, 2003	Group Art Unit: Unassigned
U.S. PATENT DOCUMENTS			

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
MDC	3,978,580	09/07/1976	Leupp, et al.			09/27/1974
MBC	4,094,058	06/13/1978	Yasutake, et al.			07/23/1976
MBC	4,653,864	03/31/1987	Baron, et al.			02/26/1986
MDC	4,691,995	09/08/1987	Yamazaki, et al.			07/15/1986
MBC	4,775,225	10/04/1988	Tsuboyama, et al.			05/14/1986
MDC	5,247,377	09/21/1993	Omeis, et al.			07/24/1989
MBC	5,263,888	11/23/1993	Ishihara, et al.			02/11/1993
MBC	5,379,139	01/03/1995	Sato, et al.			07/06/1992
MBC	5,406,989	04/18/1995	Abe			10/12/1993
MBC	5,499,128	03/12/1996	Hasegawa, et al.			03/15/1994
MBC	5,507,323	04/16/1996	Abe			11/22/1994
MBC	5,511,591	04/30/1996	Abe			04/10/1995
MBC	5,539,545	07/23/1996	Shimizu, et al.			05/17/1994
MBC	5,548,429	08/20/1996	Tsujita			06/14/1994
MDC	5,642,214	06/24/1997	Ishii, et al.			07/05/1994
MBC	5,680,189	10/21/1997	Shimizu, et al.			06/07/1995
MBC	5,742,370	04/21/1998	Kim, et al.			02/26/1997
Examiner	<i>MBC</i>		Date Considered	10/11/04		

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)		Attorney Docket No. 041993-5220	Application No.: Unassigned
PTO Form 1449		Applicant: Chang-Seok GEUM	Sheet 2 of 10
		Filing Date: September 12, 2003	Group Art Unit: Unassigned

**U.S. PATENT DOCUMENTS**

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
MBC	5,757,451	05/26/1998	Miyazaki, et al.			09/09/1996
MBC	5,852,484	12/22/1998	Inoue, et al.			05/27/1997
MBC	5,854,664	12/29/1998	Inoue, et al.			09/25/1995
MBC	5,861,932	01/19/1999	Inata, et al.			03/30/1998
MBC	5,875,922	03/02/1999	Chastine, et al.			10/10/1997
MBC	5,952,676	09/14/1999	Sato, et al.			06/06/1997
MBC	5,956,112	09/21/1999	Fujimori, et al.			10/01/1996
MBC	6,001,203	12/14/1999	Yamada, et al.			12/10/1997
MBC	6,011,609	01/04/2000	Kato, et al.			10/02/1997
MBC	6,016,178	01/18/2000	Kataoka, et al.			03/14/1997
MBC	6,016,181	01/18/2000	Shimada			01/21/1997
MBC	6,055,035	04/25/2000	von Gutfeld, et al.			05/11/1998
MBC	6,163,357	12/19/2000	Nakamura			09/26/1997
MBC	6,219,126	04/17/2001	Von Gutfeld			11/20/1998
MBC	6,226,067	05/01/2001	Nishiguchi, et al.			09/30/1998
MBC	6,236,445	05/22/2001	Foschaar, et al.			02/22/1996
MBC	6,304,306	10/16/2001	Shiomi, et al.			04/20/1998

Examiner

*Mallcelli*

Date Considered

10/11/04

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)		Attorney Docket No. 041993-5220	Application No.: Unassigned
		Applicant: Chang-Seok GEUM      Sheet 3 of 10	
PTO Form 1449		Filing Date: September 12, 2003	Group Art Unit: Unassigned

### U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
MBC	6,304,311	10/16/2001	Egami, et al.	—	—	11/11/1999
MBC	6,337,730	01/08/2002	Ozaki, et al.	—	—	06/01/1999
MBC	6,414,733	07/02/2002	Ishikawa, et al.	—	—	02/07/2000
MBC	2001/0021000	09/13/2001	Egami	—	—	02/01/2001

### FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation YES	NO
MBC	51-65656 ✓	06/07/1976	Japan	—	—	Abstract	
MBC	57-38414 ✓	03/03/1982	Japan	—	—	Abstract	
MBC	57-88428 ✓	06/02/1982	Japan	—	—	Abstract	
MBC	58-27126 ✓	02/17/1983	Japan	—	—	Abstract	
MBC	59-57221 ✓	04/02/1984	Japan	—	—	Abstract	
MBC	59-195222 ✓	11/06/1984	Japan	—	—	Abstract	
MBC	60-111221 ✓	06/17/1985	Japan	—	—	Abstract	
MBC	60-164723 ✓	08/27/1985	Japan	—	—	Abstract	
MBC	60-217343 ✓	10/30/1985	Japan	—	—	Abstract	
MBC	61-7822 ✓	01/14/1986	Japan	—	—	Abstract	

Examiner

Date Considered

10/11/04

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)		Attorney Docket No. 041993-5220	Application No.: Unassigned
		Applicant: Chang-Seok GEUM      Sheet 4 of 10	
PTO Form 1449		Filing Date: September 12, 2003	Group Art Unit: Unassigned

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation YES    NO
MBC		61-55625 ✓	03/20/1986	Japan	—	—	Abstract
MBC		62-89025 ✓	04/23/1987	Japan	—	—	Abstract
MBC		62-90622 ✓	04/25/1987	Japan	—	—	Abstract
MBC		62-205319 ✓	09/09/1987	Japan	—	—	Abstract
MBC		63-109413 ✓	05/14/1988	Japan	—	—	Abstract
MBC		63-110425 ✓	05/14/1988	Japan	—	—	Abstract
MBC		63-128315 ✓	05/31/1988	Japan	—	—	Abstract
MBC		63-311233 ✓	12/20/1988	Japan	—	—	Abstract
		5-127179 ✓	05/25/1993	Japan	—	—	Abstract
MBC		5-154923 ✓	06/22/1993	Japan	—	—	Abstract
MBC		5-265011 ✓	10/15/1993	Japan	—	—	Abstract
MBC		5-281557 ✓	10/29/1993	Japan	—	—	Abstract
MBC		5-281562 ✓	10/29/1993	Japan	—	—	Abstract
MBC		6-148657 ✓	05/27/1994	Japan	—	—	Abstract
MBC		6-160871 ✓	06/07/1994	Japan	—	—	Abstract
MBC		6-235925 ✓	08/23/1994	Japan	—	—	Abstract
MBC		6-265915 ✓	09/22/1994	Japan	—	—	Abstract
MBC		6-313870 ✓	11/08/1994	Japan	—	—	Abstract

Examiner

*R. J. Collier*

Date Considered

10/11/04

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)		Attorney Docket No. 041993-5220	Application No.: Unassigned
		Applicant: Chang-Seok GEUM      Sheet 5 of 10	
PTO Form 1449		Filing Date: September 12, 2003	Group Art Unit: Unassigned

#### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	<u>Translation</u>	YES	NO
MBC		6-51256 ✓	02/25/1994	Japan	—	—	Abstract		
MBC		7-84268 ✓	03/31/1995	Japan	—	—	Abstract		
MBC		7-128674 ✓	05/19/1995	Japan	—	—	Abstract		
MBC		7-181507 ✓	07/21/1995	Japan	—	—	Abstract		
MBC		8-95066 ✓	04/12/1996	Japan	—	—	Abstract		
MBC		8-101395 ✓	04/16/1996	Japan	—	—	Abstract		
MBC		8-106101 ✓	04/23/1996	Japan	—	—	Abstract		
MBC		8-171094 ✓	07/02/1996	Japan	—	—	Abstract		
MBC		8-190099 ✓	07/23/1996	Japan	—	—	Abstract		
MBC		8-240807 ✓	09/17/1996	Japan	—	—	Abstract		
		9-5762 ✓	01/10/1997	Japan	—	—	Abstract		
MBC		9-26578 ✓	01/28/1997	Japan	—	—	Abstract		
MBC		9-61829 ✓	03/07/1997	Japan	—	—	Abstract		
MBC		9-73075 ✓	03/18/1997	Japan	—	—	Abstract		
MBC		9-73096 ✓	03/18/1997	Japan	—	—	Abstract		
MBC		9-127528 ✓	05/16/1997	Japan	—	—	Abstract		

Examiner

Date Considered

10/11/04

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)			Attorney Docket No. 041993-5220		Application No.: Unassigned		
			Applicant: Chang-Seok GEUM		Sheet 6 of 10		
PTO Form 1449			Filing Date: September 12, 2003		Group Art Unit: Unassigned		
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub Class	<u>Translation</u>
							YES      NO
MBC		9-230357 ✓	09/05/1997	Japan	—	—	Abstract
MBC		9-281511 ✓	10/31/1997	Japan	—	—	Abstract
MBC		9-311340 ✓	12/02/1997	Japan	—	—	Abstract
MBC		10-123537 ✓	05/15/1998	Japan	—	—	Abstract
MBC		10-123538 ✓	05/15/1998	Japan	—	—	Abstract
MBC		10-142616 ✓	05/29/1998	Japan	—	—	Abstract
MBC		10-177178 ✓	06/30/1998	Japan	—	—	Abstract
MBC		10-221700 ✓	08/21/1998	Japan	—	—	Abstract
MBC		10-282512 ✓	10/23/1998	Japan	—	—	Abstract
MBC		10-333157 ✓	12/18/1998	Japan	—	—	Abstract
MBC		10-333159 L	12/18/1998	Japan	—	—	Abstract
MBC		11-14953 ✓	01/22/1999	Japan	—	—	Abstract
MBC		11-38424 ✓	02/12/1999	Japan	—	—	Abstract
MBC		11-64811 ✓	03/05/1999	Japan	—	—	Abstract
MBC		11-109388 ✓	04/23/1999	Japan	—	—	Abstract
MBC		11-133438 ✓	05/21/1999	Japan	—	—	Abstract
MBC		11-142864 ✓	05/28/1999	Japan	—	—	Abstract
Examiner	<i>R. Hill Cull</i>			Date Considered 10/11/04			
Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)		Attorney Docket No. 041993-5220	Application No.: Unassigned
		Applicant: Chang-Seok GEUM      Sheet 7 of 10	
PTO Form 1449		Filing Date: September 12, 2003	Group Art Unit: Unassigned

### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation YES    NO
MBC		11-174477 ✓	07/02/1999	Japan	—	—	Abstract
MBC		11-212045 ✓	08/06/1999	Japan	—	—	Abstract
MBC		11-248930 ✓	09/17/1999	Japan	—	—	Abstract
MBC		11-326922 ✓	11/26/1999	Japan	—	—	Abstract
MBC		11-344714 ✓	12/14/1999	Japan	—	—	Abstract
MBC		2000-2879 ✓	01/07/2000	Japan	—	—	Abstract
MBC		2000-56311 ✓	02/25/2000	Japan	—	—	Abstract
MBC		2000-66165 ✓	03/03/2000	Japan	—	—	Abstract
MBC		2000-137235 ✓	05/16/2000	Japan	—	—	Abstract
MBC		2000-147528 ✓	05/26/2000	Japan	—	—	Abstract
MBC		2000-193988 ✓	07/14/2000	Japan	—	—	Abstract
MBC		2000-241824 ✓	09/08/2000	Japan	—	—	Abstract
MBC		2000-284295 ✓	10/13/2000	Japan	—	—	Abstract
MBC		2000-29035 ✓	01/28/2000	Japan	—	—	Abstract
MBC		2000-292799 ✓	10/20/2000	Japan	—	—	Abstract
MBC		2000-310759 ✓	11/07/2000	Japan	—	—	Abstract
		2000-310784 ✓	11/07/2000	Japan	—	—	Abstract

Examiner *M. H. Bell*

Date Considered

10/11/04

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)		Attorney Docket No. 041993-5220	Application No.: Unassigned
		Applicant: Chang-Seok GEUM      Sheet 8 of 10	
PTO Form 1449		Filing Date: September 12, 2003	Group Art Unit: Unassigned

#### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	YES	NO
MBC		2000-338501 ✓	12/08/2000	Japan			Abstract		
MBC		2001-5401 ✓	01/12/2001	Japan			Abstract		
MBC		2001-5405 ✓	01/12/2001	Japan			Abstract		
MBC		2001-13506 ✓	01/19/2001	Japan			Abstract		
MBC		2001-33793 ✓	02/09/2001	Japan			Abstract		
MBC		2001-42341 ✓	02/16/2001	Japan			Abstract		
MBC		2001-51284 ✓	02/23/2001	Japan			Abstract		
MBC		2001-66615 ✓	03/16/2001	Japan			Abstract		
MBC		2001-91727 ✓	04/06/2001	Japan			Abstract		
MBC		2001-117105 ✓	04/27/2001	Japan			Abstract		
MBC		2001-117109 ✓	04/27/2001	Japan			Abstract		
MBC		2001-133745 ✓	05/18/2001	Japan			Abstract		
MBC		2001-133794 ✓	05/18/2001	Japan			Abstract		
MBC		2001-133799 ✓	05/18/2001	Japan			Abstract		
MBC		2001-142074 ✓	05/25/2001	Japan			Abstract		
MBC		2001-147437 ✓	05/29/2001	Japan			Abstract		
MBC		2001-154211 ✓	06/08/2001	Japan			Abstract		

Examiner



Date Considered

10/1/04

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)		Attorney Docket No. 041993-5220	Application No.: Unassigned
PTO Form 1449		Applicant: Chang-Seok GEUM      Sheet 9 of 10	
		Filing Date: September 12, 2003	Group Art Unit: Unassigned

#### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation YES    NO
RBC		2001-166272 ✓	06/22/2001	Japan			Abstract
MBC		2001-166310 ✓	06/22/2001	Japan			Abstract
MBC		2001-183683 ✓	07/06/2001	Japan			Abstract
MBC		2001-201750 ✓	07/27/2001	Japan			Abstract
MBC		2001-209052 ✓	08/03/2001	Japan			Abstract
MBC		2001-209060 ✓	08/03/2001	Japan			Abstract
MBC		2001-215459 ✓	08/10/2001	Japan			Abstract
MBC		2001-222017 ✓	08/17/2001	Japan			Abstract
MBC		2001-235758 ✓	08/31/2001	Japan			Abstract
MBC		2001-255542 ✓	09/21/2001	Japan			Abstract
MBC		2001-264782 ✓	09/26/2001	Japan			Abstract
MBC		2001-272640 ✓	10/05/2001	Japan			Abstract
MBC		2001-281675 ✓	10/10/2001	Japan			Abstract
MBC		2001-281678 ✓	10/10/2001	Japan			Abstract
MBC		2001-282126 ✓	10/12/2001	Japan			Abstract
MBC		2001-305563 ✓	10/13/2001	Japan			Abstract
MBC		2001-330837 ✓	11/30/2001	Japan			Abstract
Examiner	<i>RBC</i>			Date Considered	10/11/04		
Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)		Attorney Docket No. 041993-5220	Application No.: Unassigned
		Applicant: Chang-Seok GEUM      Sheet 10 of 10	
PTO Form 1449		Filing Date: September 12, 2003	Group Art Unit: Unassigned

FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Sub Class	Translation YES    NO
MBC	2001-330840 ✓	11/30/2001	Japan	—	—	Abstract
MBC	2001-356353 ✓	12/26/2001	Japan	—	—	Abstract
MBC	2001-356354 ✓	12/26/2001	Japan	—	—	Abstract
MBC	2002-14360 ✓	01/18/2002	Japan	—	—	Abstract
MBC	2002-23176 ✓	01/23/2002	Japan	—	—	Abstract
MBC	2002-49045 ✓	02/15/2002	Japan	—	—	Abstract
MBC	2002-82340 ✓	03/22/2002	Japan	—	—	Abstract
MBC	2002-90759 ✓	03/27/2002	Japan	—	—	Abstract
MBC	2002-90760 ✓	03/27/2002	Japan	—	—	Abstract
MBC	2002-107740 ✓	04/10/2002	Japan	—	—	Abstract
MBC	2002-122872 ✓	04/26/2002	Japan	—	—	Abstract
MBC	2002-122873 ✓	04/26/2002	Japan	—	—	Abstract
MBC	2002-139734 ✓	05/17/2002	Japan	—	—	Abstract
RDC	2002-202512 ✓	07/19/2002	Japan	—	—	Abstract
MBC	2002-202514 ✓	07/19/2002	Japan	—	—	Abstract
MBC	2002-214626 ✓	07/31/2002	Japan	—	—	Abstract
ABP	2000-0035302 ✓	06/26/2000	Korea	—	—	Abstract
RBC	1 003 066 ✓	05/24/2000	Europe	—	—	
Examiner	<i>Ridell</i>		Date Considered	10/11/04		
Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					